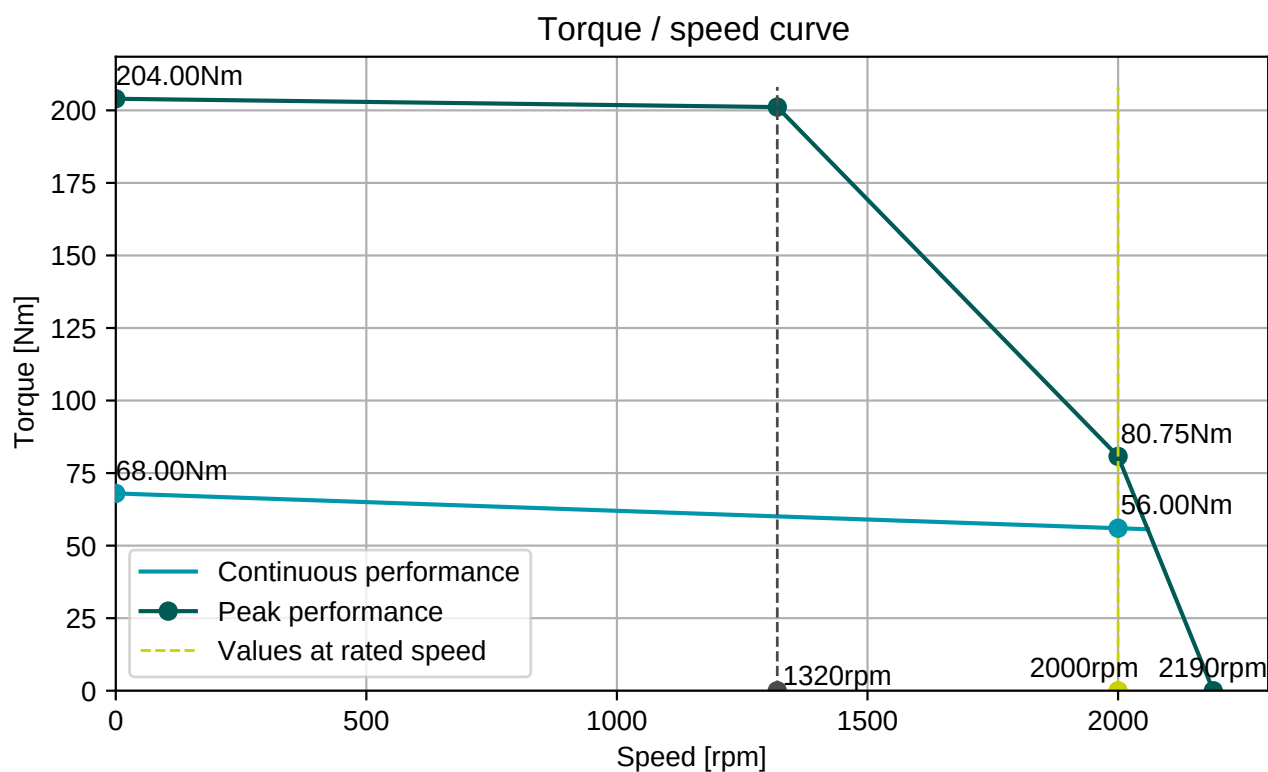
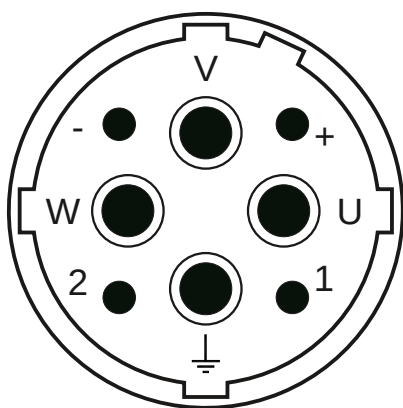


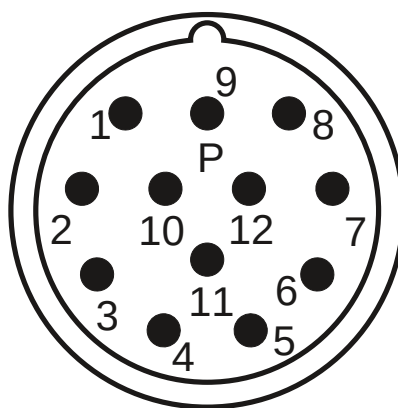
| Engineering data (WIN 322)        |                             | Mechanical data (setting 5)                            |                                                           |
|-----------------------------------|-----------------------------|--------------------------------------------------------|-----------------------------------------------------------|
| DC bus voltage                    | 560 V DC                    | Max mechanical speed                                   | 3600 rpm                                                  |
| Nominal AC voltage                | 355 V AC (rms)              | Mech. time constant                                    | 0.66 ms                                                   |
| Rated voltage                     | 341 V AC (rms)              | Thermal time constant                                  | 65 min                                                    |
| Rated power                       | 11.7 kW                     | Rotor inertia                                          | 113.6 kgcm <sup>2</sup>                                   |
| Rated speed                       | 2000 rpm                    | Protection                                             | IP64                                                      |
| Rated torque                      | 56.00 Nm                    | Color                                                  | RAL 9005                                                  |
| Rated current                     | 21.98 A (rms)               | Cooling                                                | Convection                                                |
| Peak torque                       | 204 Nm                      | Motor-only mass                                        | 66 kg                                                     |
| Peak current                      | 99 A (rms)                  | Max. axial force 20kh                                  | 396 N                                                     |
| Stall torque                      | 68 Nm                       | Max. radial force 20kh                                 | 2082 N*                                                   |
| Stall current                     | 25.4 A (rms)                | Max. axial force 100kh                                 | 231 N                                                     |
| No load speed                     | 2190 rpm                    | Max. radial force 100kh                                | 1217 N*                                                   |
| EMF constant ±10%                 | 162 V AC (rms)<br>/ 1000rpm | * Defined for point of action at ½ output shaft length |                                                           |
| Theoretical torque constant ±10%  | 2.68 Nm / A<br>(rms)        | Sensors                                                |                                                           |
| Torque constant ±10% @ rated load | 2.55 Nm / A<br>(rms)        | Temperature                                            | PT1000 {PT1000}                                           |
| Number of poles                   | 6                           | Feedback                                               | 2-pole resolver ( ER5Kd411,<br>TS2620N21E11, RE-15-1-A15) |
| Electrical time constant          | 26.25 ms                    | Brake                                                  |                                                           |
| Winding terminal resistance       | 0.24 Ω                      | Braking torque                                         | 145.00 Nm                                                 |
| Rotary field terminal inductance  | 6.3 mH                      | Voltage                                                | 24 V DC                                                   |
| <b>Customs info</b>               |                             | Power @20°C                                            | 50.0 W                                                    |
| HS Code                           | 85015230                    | Current @20°C                                          | 2.08 A                                                    |
|                                   |                             | Inertia                                                | 56.00 kgcm <sup>2</sup>                                   |
|                                   |                             | Mass                                                   | 9.50 kg                                                   |


**CEA271N00000051000**

M40, 8 poles, straight


**AEA052N000000201000**

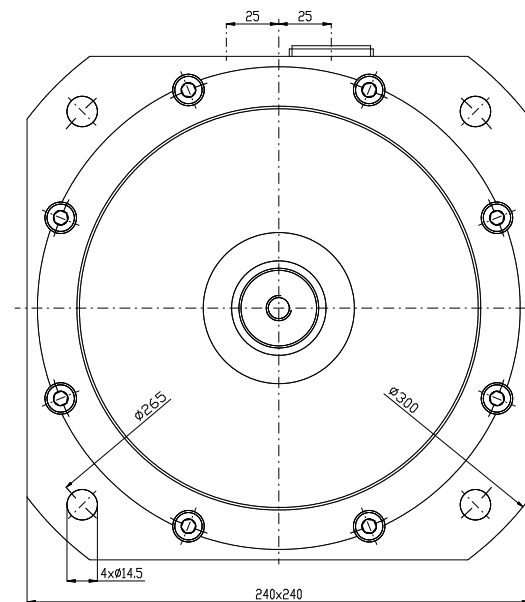
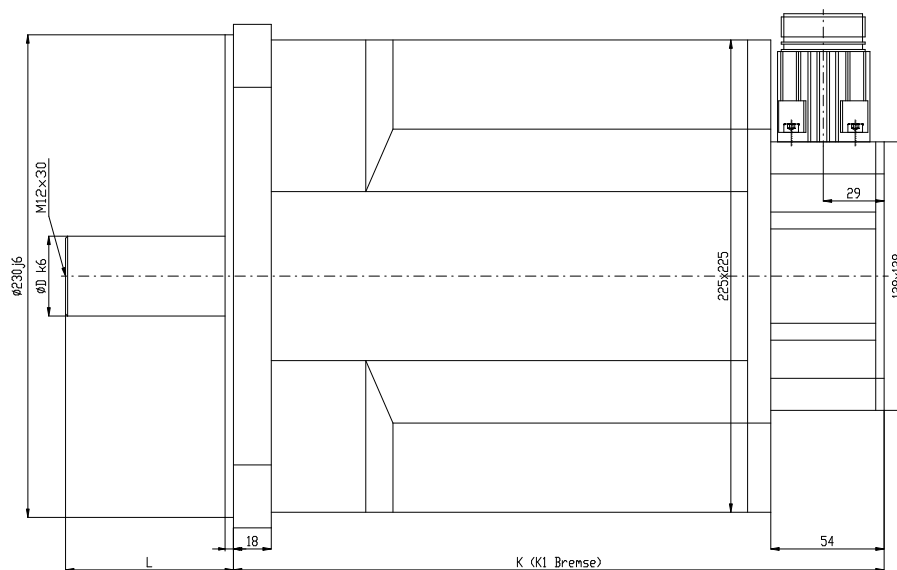
M23, 12 poles, straight


**Connector 1 (151)**

|           |        |
|-----------|--------|
| <b>U</b>  | U      |
| <b>V</b>  | V      |
| <b>W</b>  | W      |
| <b>PE</b> | PE     |
| <b>+</b>  | Brake+ |
| <b>-</b>  | Brake- |
| <b>1</b>  | Therm+ |
| <b>2</b>  | Therm- |

**Connector 2 (10)**

|          |        |
|----------|--------|
| <b>2</b> | Therm+ |
| <b>3</b> | S4     |
| <b>4</b> | S3     |
| <b>5</b> | R2     |
| <b>6</b> | Therm- |
| <b>7</b> | S2     |
| <b>8</b> | S1     |
| <b>9</b> | R1     |



| TYP     | ØD  | L   | K   | K1  |
|---------|-----|-----|-----|-----|
| T8-400  | Ø38 | 80  | 310 | 378 |
| T8-680  | Ø38 | 80  | 378 | 446 |
| T8-930  | Ø42 | 110 | 446 | 514 |
| T8-1150 | Ø42 | 110 | 514 | 582 |

|               |           |           |          |               |
|---------------|-----------|-----------|----------|---------------|
| INDEX         | ZMĚNA     | DATUM     | PODPIS   |               |
|               |           |           |          |               |
| ZN.MAT.       |           | T.O.      |          | H.M.D.NOST kg |
| ROZM.-POLOIT. |           |           |          | MEŘ.          |
| POM. ZAR.     |           |           |          | ČSN           |
| VYPR.         | NORM.REF. |           |          | POZN.         |
| PŘEZK.        |           |           |          | Č. KUSOVNIKU  |
| TECHNOL.      | SCHVÁLIL  | 29.5.2006 | STARÝ V. | Č.V.          |
| NÁZEV         | Motor T8  |           |          | T8000 00 Z    |
|               |           |           |          | Listů         |
|               |           |           |          | List          |